

## System Check\_Head\_2450MHz

### DUT: D2450V2-806

Communication System: CW; Frequency: 2450.0 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_221112 Medium parameters used:  $f = 2450.0$  MHz;  $\sigma = 1.78$  S/m;  $\epsilon_r = 38.7$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.58, 7.58, 7.58); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE3 Sn528; Calibrated: 2022-05-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW

**Pin=50mW/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 2.48 W/kg; SAR (10g) = 1.15 W/kg;

**Pin=50mW/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

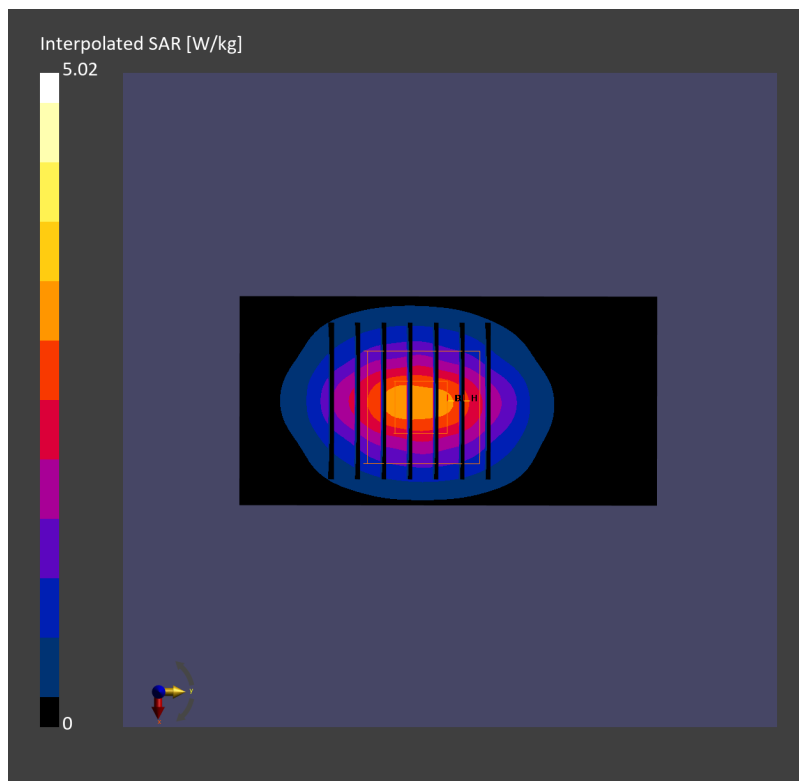
Power Drift = 0.00 dB

SAR (1g) = 2.47 W/kg; SAR (8g) = 1.29 W/kg; SAR (10g) = 1.17 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 80.8 %

psAPD (1.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]



## System Check\_Head\_2450MHz

### DUT: D2450V2-806

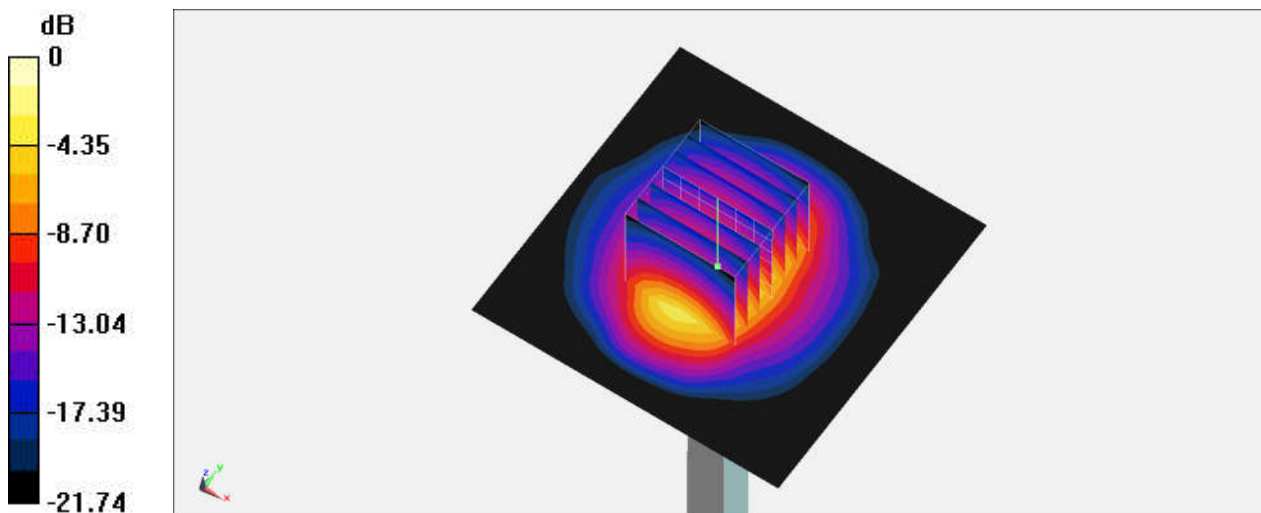
Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_221112 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.803$  S/m;  $\epsilon_r = 39.246$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.44, 7.44, 7.44) @ 2450 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 3.93 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 45.78 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 5.07 W/kg  
**SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.16 W/kg**  
Maximum value of SAR (measured) = 4.25 W/kg



0 dB = 4.25 W/kg = 6.28 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5250.0 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_221113 Medium parameters used:  $f=5250.0$  MHz;  $\sigma=4.74$  S/m;  $\epsilon_r=36.8$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.13, 5.13, 5.13); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE3 Sn528; Calibrated: 2022-05-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW

**Pin=50mW/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 3.62 W/kg; SAR (10g) = 1.10 W/kg;

**Pin=50mW/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

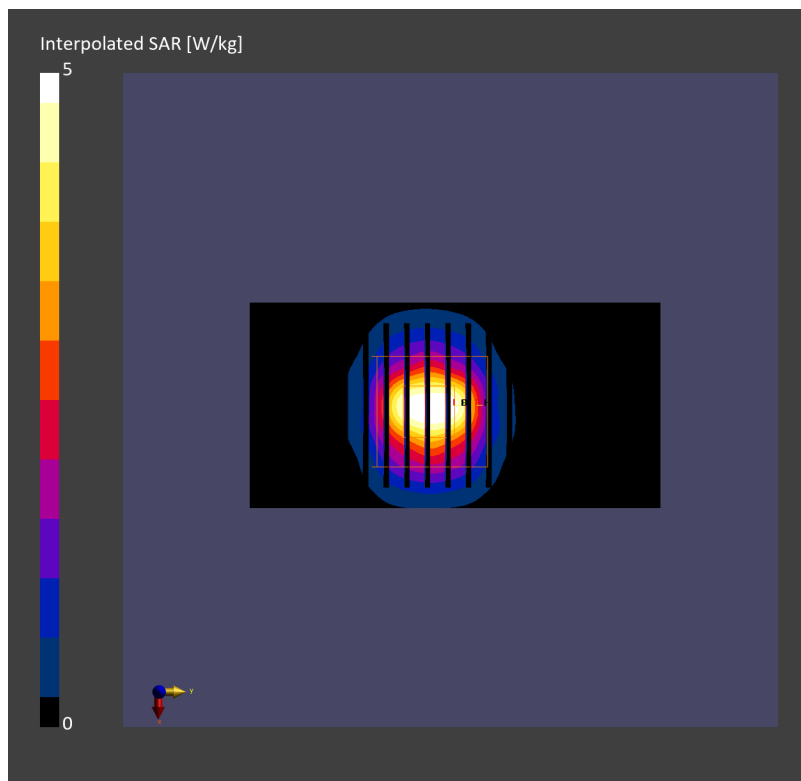
Power Drift = -0.06 dB

SAR (1g) = 4.03 W/kg; SAR (8g) = 1.35 W/kg; SAR (10g) = 1.16 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.5 %

psAPD (1.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]



## System Check\_Head\_5600MHz

### DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5600.0 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_221113 Medium parameters used:  $f = 5600.0$  MHz;  $\sigma = 5.11$  S/m;  $\epsilon_r = 36.3$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE3 Sn528; Calibrated: 2022-05-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW

**Pin=50mW/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 4.04 W/kg; SAR (10g) = 1.21 W/kg;

**Pin=50mW/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

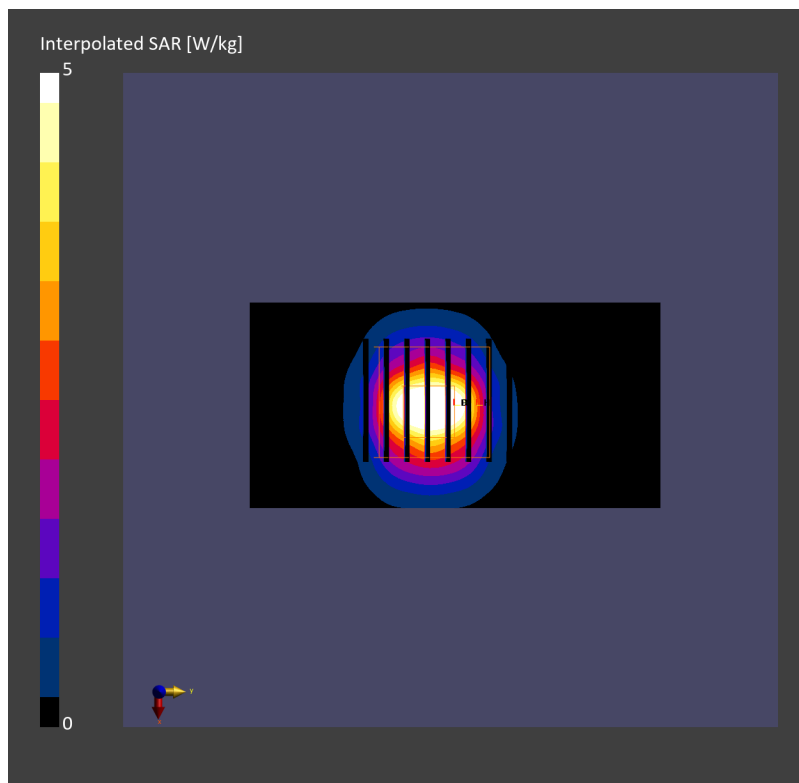
Power Drift = -0.01 dB

SAR (1g) = 4.52 W/kg; SAR (8g) = 1.49 W/kg; SAR (10g) = 1.28 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.6 %

psAPD (1.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]



## System Check\_Head\_5600MHz

### DUT: D5GHzV2 - SN1006

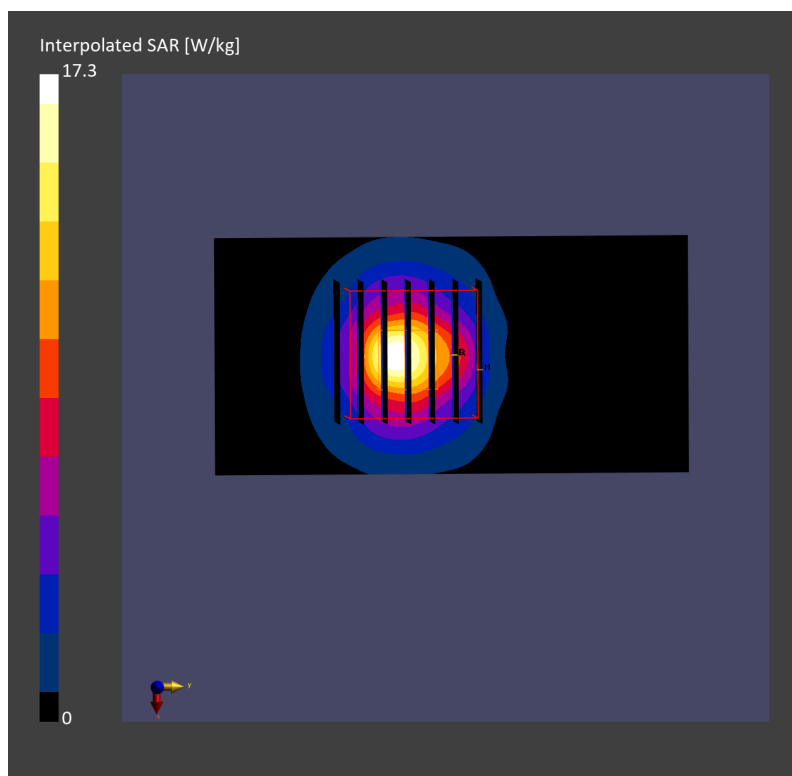
Communication System: CW; Frequency: 5600.0 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_221130 Medium parameters used:  $f=5600.0$  MHz;  $\sigma=5.04$  S/m;  $\epsilon_r=35.8$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2022-02-28
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW

**Pin=50mW/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 3.99 W/kg; SAR (10g) = 1.19 W/kg;

**Pin=50mW/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm  
Power Drift = 0.00 dB  
SAR (1g) = 4.40 W/kg; SAR (8g) = 1.59 W/kg; SAR (10g) = 1.32 W/kg  
Smallest distance from peaks to all points 3 dB below = 7.4 mm  
Ratio of SAR at M2 to SAR at M1 = 63.4 %  
psAPD (1.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]



## System Check\_Head\_5750MHz

### DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5750.0 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_221113 Medium parameters used:  $f = 5750.0$  MHz;  $\sigma = 5.28$  S/m;  $\epsilon_r = 36.1$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.81, 4.81, 4.81); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE3 Sn528; Calibrated: 2022-05-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW

**Pin=50mW/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 3.34 W/kg; SAR (10g) = 1.01 W/kg;

**Pin=50mW/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

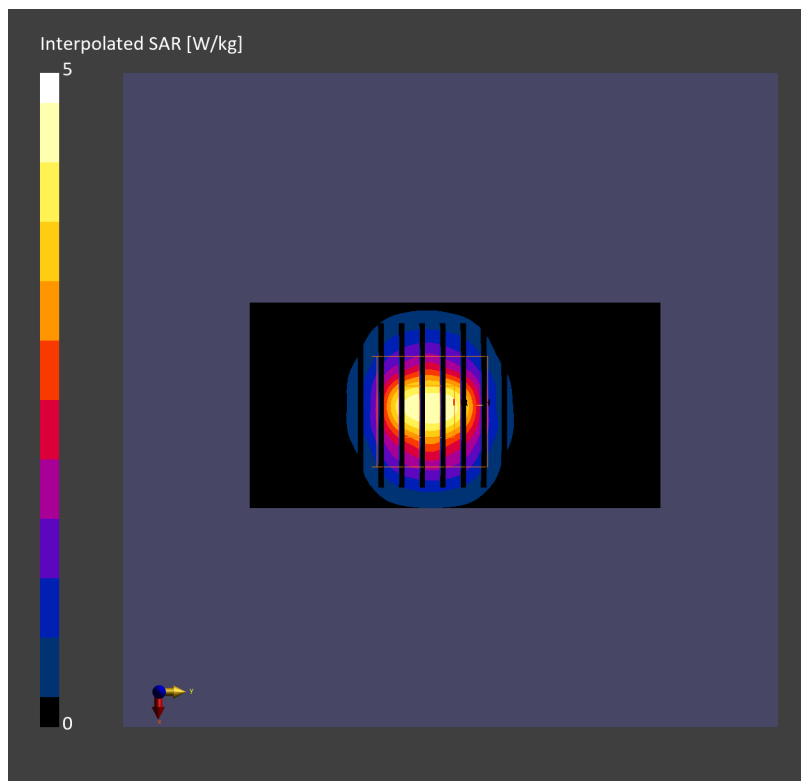
Power Drift = 0.03 dB

SAR (1g) = 3.75 W/kg; SAR (8g) = 1.25 W/kg; SAR (10g) = 1.07 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 60.6 %

psAPD (1.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]



## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1006

Communication System: CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_221116 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.28$  S/m;  $\epsilon_r = 36.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5750 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.88 W/kg

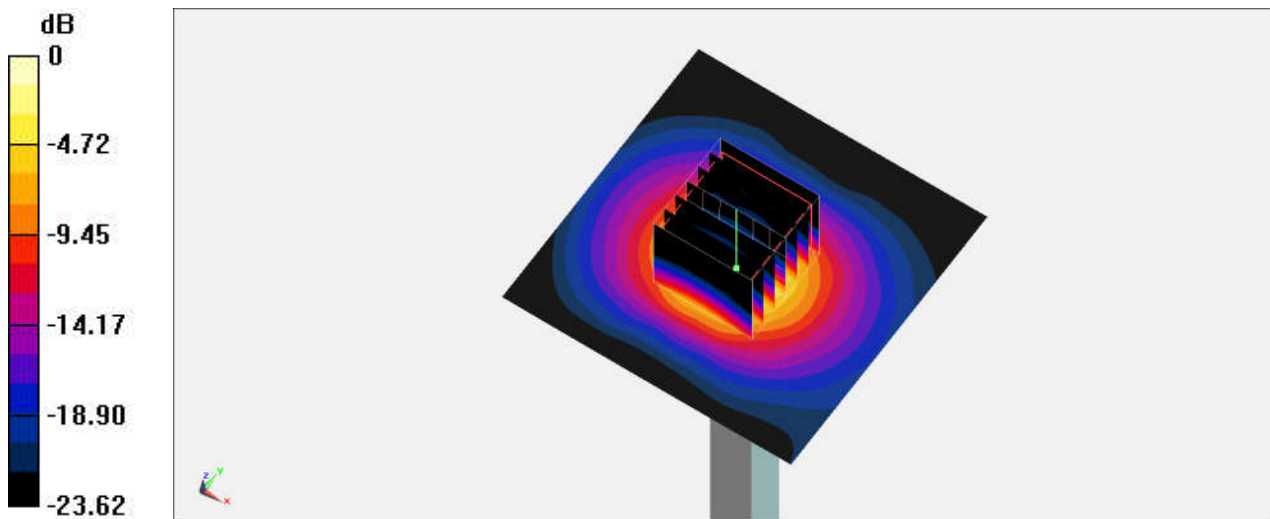
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.22 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 16.0 W/kg

**SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.07 W/kg**

Maximum value of SAR (measured) = 9.55 W/kg



0 dB = 7.88 W/kg = 8.97 dBW/kg

## System Check\_Head\_5850MHz

### DUT: D5GHzV2-1171

Communication System: CW; Frequency: 5850 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_221113 Medium parameters used :  $f = 5850$  MHz;  $\sigma = 5.377$  S/m;  $\epsilon_r = 35.903$ ;  $\rho = 1000$  kg/m<sup>3</sup>

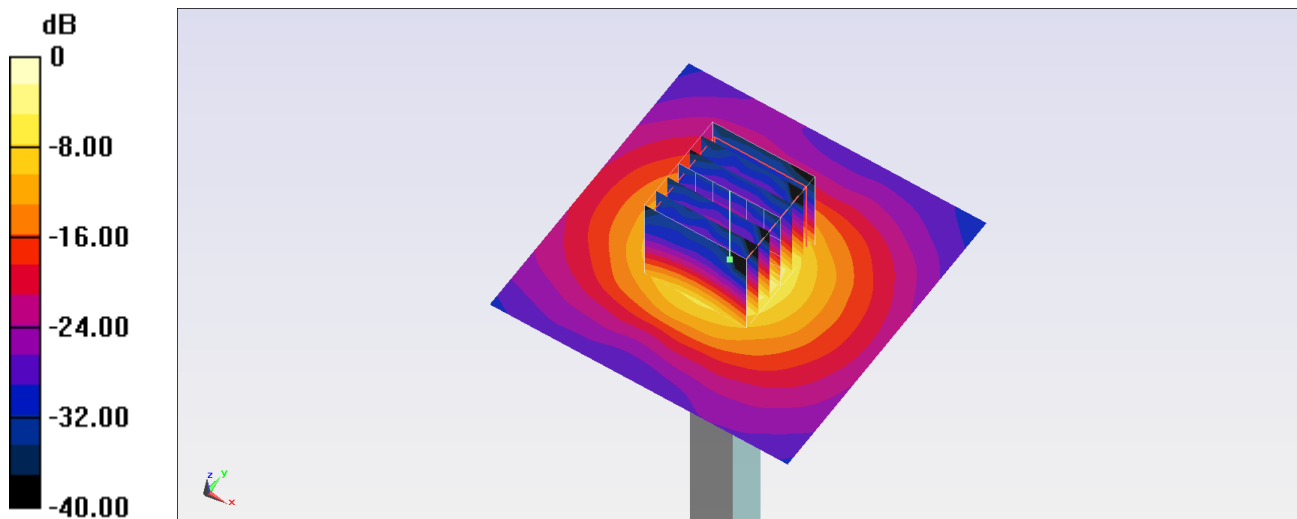
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5850 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 23.6 W/kg

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 73.41 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 43.0 W/kg  
**SAR(1 g) = 8.47 W/kg; SAR(10 g) = 2.37 W/kg**  
Maximum value of SAR (measured) = 23.1 W/kg



0 dB = 23.6 W/kg = 13.73 dBW/kg



## System Check\_Head\_5850MHz

### DUT: D5GHzV2-1171

Communication System: CW; Frequency: 5850 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_221116 Medium parameters used:  $f = 5850 \text{ MHz}$ ;  $\sigma = 5.392 \text{ S/m}$ ;  $\epsilon_r = 36.57$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5850 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $23.6 \text{ W/kg}$

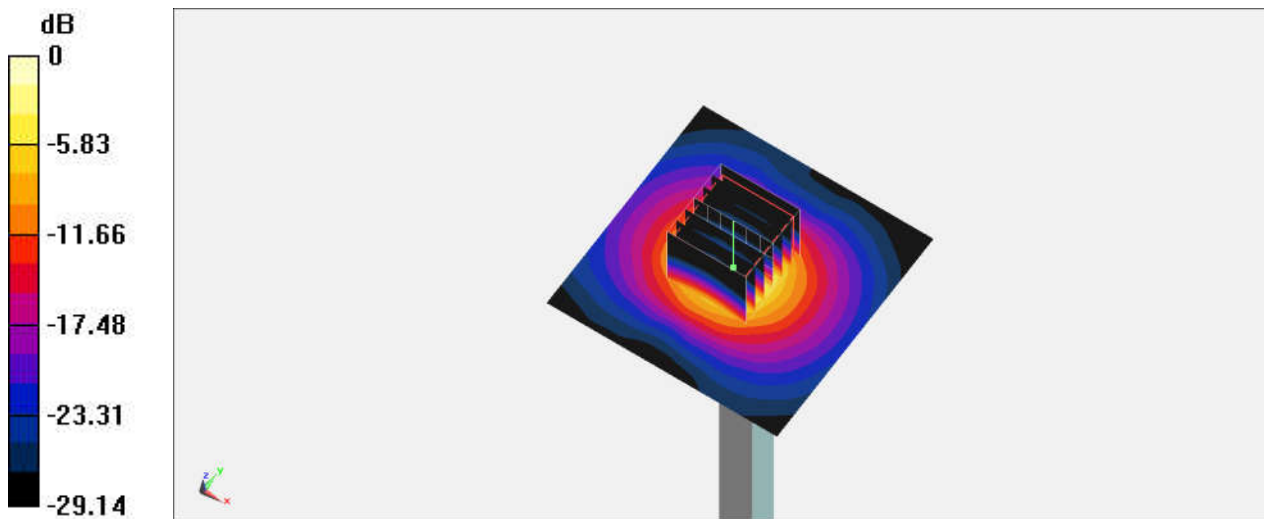
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $73.35 \text{ V/m}$ ; Power Drift =  $-0.09 \text{ dB}$

Peak SAR (extrapolated) =  $43.1 \text{ W/kg}$

**SAR(1 g) =  $8.48 \text{ W/kg}$ ; SAR(10 g) =  $2.37 \text{ W/kg}$**

Maximum value of SAR (measured) =  $23.1 \text{ W/kg}$



0 dB =  $23.6 \text{ W/kg}$  =  $13.73 \text{ dBW/kg}$